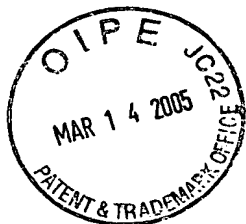


IFW



PATENT APPLICATION
ELG055-US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of) Group Art Unit: 2673
KENT ET AL.) Examiner: Not yet known
Application No. 10/603,514) TYCO ELECTRONICS CORPORATION
Filed: June 24, 2003) 307 Constitution Drive
For: ACOUSTIC TOUCH SENSOR WITH) Menlo Park, CA 94025
LOW PROFILE DIFFRACTIVE GRATING)
TRANSDUCER ASSEMBLY) March 9, 2005

DISCLOSURE STATEMENT UNDER 37 CFR § 1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In fulfilling the duty of candor and good faith, the following documents are hereby disclosed to the Patent Office in accordance with 37 CFR § 1.56. It is not admitted that the information in the listed documents is material to patentability as defined in 37 CFR § 1.56(b). The Examiner is requested to consider the documents in the examination of this application.

Accompanying this statement is a Form PTO-1449 in duplicate on which the documents are listed. The Examiner is requested to return an initialed and signed copy of the form once the documents have been considered.

The following documents were cited by the European Patent Office in the International Search Report for International Application No. PCT/US2004/016908 which is a counterpart for this application. The documents were cited in categories "X" (a "document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone"), and "A" (a

CERTIFICATE OF MAILING UNDER 37 CFR §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Name of person signing certificate: Marquerite E. Gerstner
Signature: Marquerite E. Gerstner Date: March 9, 2005

“document defining the general state of the art which is not considered to be of particular relevance”). A copy of the Search Report, mailed February 9, 2005, is attached.

U.S. PATENT DOCUMENTS

<u>Document Number</u>	<u>Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>	<u>Category</u>
2002/104691A1	08/08/2002	Kent et al.	178	18.04	A

FOREIGN PATENT DOCUMENTS

<u>Document number</u>	<u>Date</u>	<u>Country</u>	<u>Class</u>	<u>Sub-class</u>	<u>Category</u>
WO 98/29853 A1	07/09/1998	International	G08C	21/00	X

The following documents are referred to in the specification:

U.S. PATENT DOCUMENTS

<u>Document Number</u>	<u>Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>
3,673,327	06/27/1972	Johnson et al.	178	18
4,644,100	02/17/1987	Brenner et al.	178	18.04
6,091,406	07/18/2000	Kambara et al.	345	177

A copy of each of the above documents is enclosed.

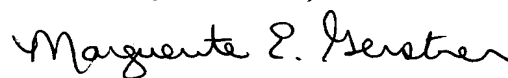
Fee

Applicants believe that because this Disclosure Statement is being submitted before the mailing of a first action on the merits, no fee is due. If this is incorrect, please charge any necessary fee to Deposit Account No. 18-0560.

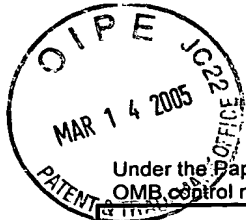
Conclusion

If there are questions, the Examiner is asked to call the undersigned.

Respectfully submitted,



Marguerite E. Gerstner
Registration No. 32,695
Telephone (650) 361-2483



Under the Paperwork Reduction Action of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act. 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

Complete if Known

Application Number	10/603,514
Filing Date	June 24, 2003
First Named Inventor	Kent et al.
Examiner Name	Unknown
Art Unit	2673
Attorney Docket No.	ELG055-US1

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) No Fee

METHOD OF PAYMENT (check all that apply)

- ☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
- ☒ Deposit Account Deposit Account Number: 18-0560 Deposit Account Name: Tyco Electronics Corporation
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s) ☒ Credit any overpayments
- under 37 CFR 1.16 and 1.17

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims Extra Claims Fee (\$) Fee Paid (\$)

_____ - 20 or HP = _____ x _____ = _____

HP = highest number of total claims paid for, if greater than 20

Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)

_____ - 3 or HP = _____ x _____ = _____

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)

_____ - 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____

4. Other Fee(s)

Non-English Specification, \$130 fee (no small entity discount)

Fees Paid (\$)

Other: _____

SUBMITTED BY

Signature	<u>Marguerite E. Gerstner</u>	Registration No. (Attorney/Agent)	32,695	Telephone	650-361-2483
Name (Print/Type)	Marguerite E. Gerstner			Date	3/9/05

Certificate of Mailing (37 CFR 1.8)

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Date of deposit: March 9, 2005

Name (printed): Marguerite E. Gerstner

Signature: _____

Marguerite E. Gerstner

FORM PTO-1449
(Rev 8/83)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No.:	Appl'n No.:
ELG055-US1	10/603,514
Applicant:	
Kent et al.	
Filing Date:	Group:
June 24, 2003	2673

US PATENT DOCUMENTS

* Exr. initial	Document number	Date	Name	Class	Sub-class	Filing date (if appropriate)
	3,673,327	06/27/1972	Johnson et al.	178	18	
	4,644,100	02/17/1987	Brenner et al.	178	18.04	
	6,091,406	07/18/2000	Kambara et al.	345	177	
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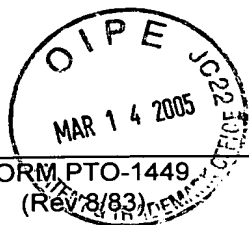
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Exr. initial	Details of Document	Translation enclosed (?)
	International Search Report for International Application No. PCT/US2004/016908, mailed 09 February 2005	

Examiner's signature

Date considered

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449
(Rev. 8/83)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

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